

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011988.D
 Acq On : 19 Aug 2019 13:49
 Operator : SY/VA
 Sample : K4385-08
 Misc : 4.09G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A3-(2)

Quant Time: Aug 19 14:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

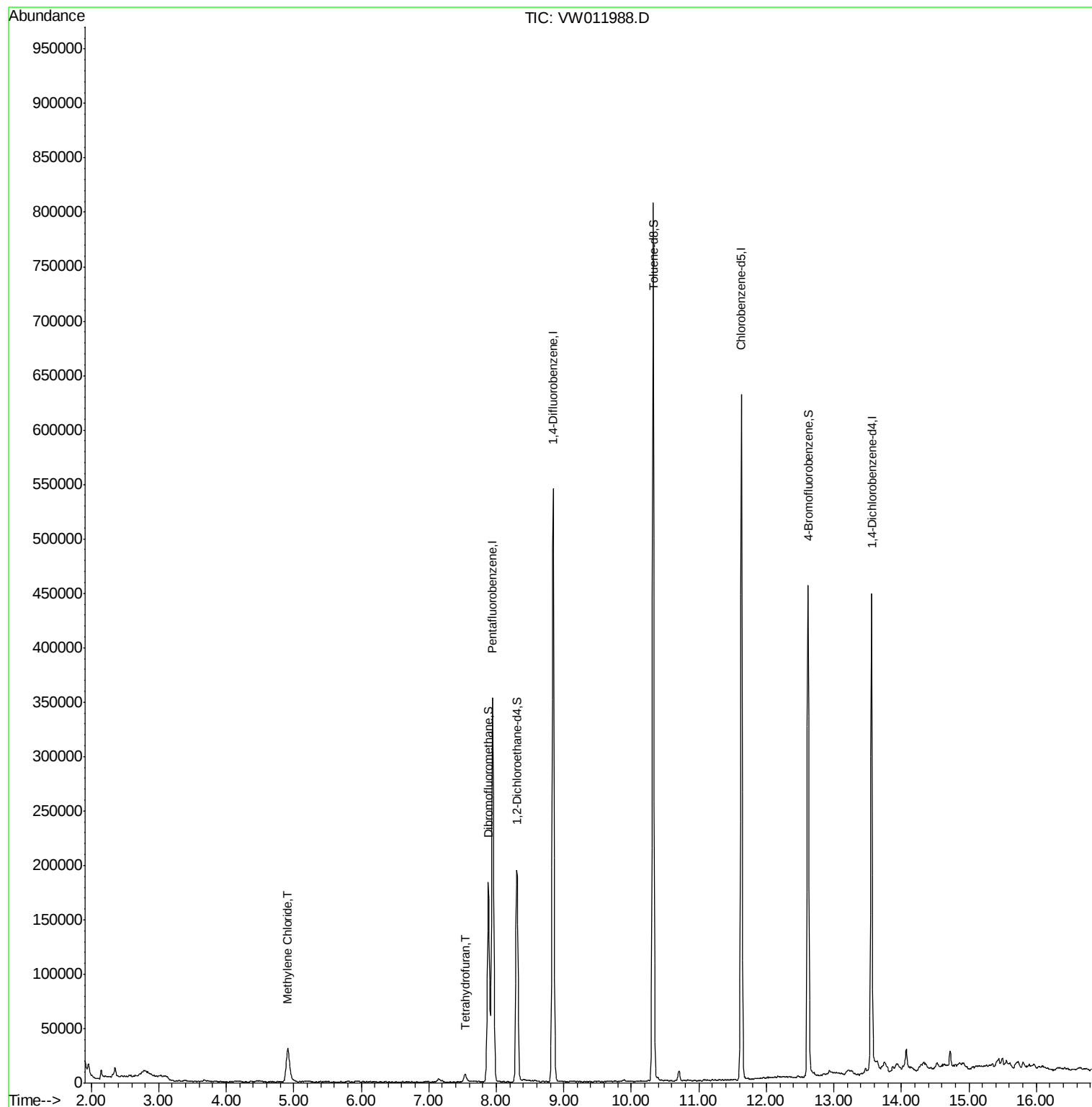
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	158629	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
35) Dibromofluoromethane	7.88	113	129426	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
50) Toluene-d8	10.32	98	514237	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.62	95	147466	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.92%	
Target Compounds						
20) Methylene Chloride	4.91	84	24303	7.430	ug/l	95
29) Tetrahydrofuran	7.54	42	6609	9.317	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011988.D

Acq: 19 Aug 2019 13:49

Instrument :

MSVOA_W

ClientSampleId :

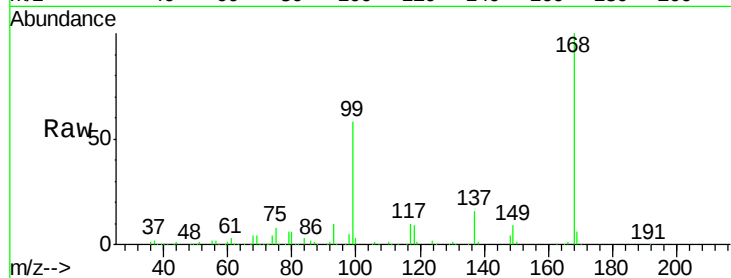
T8-A3-(2)

Tot Ion:168 Resp: 259643

Ion Ratio Lower Upper

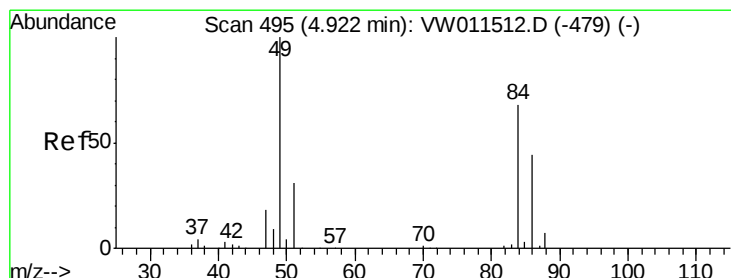
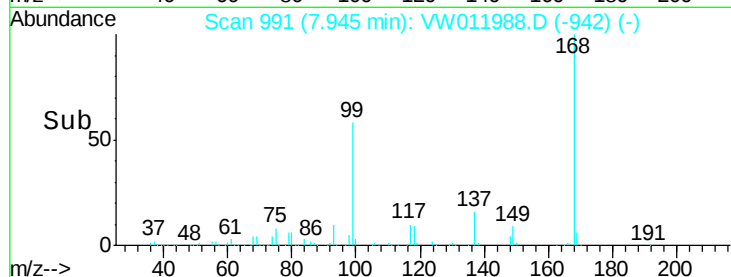
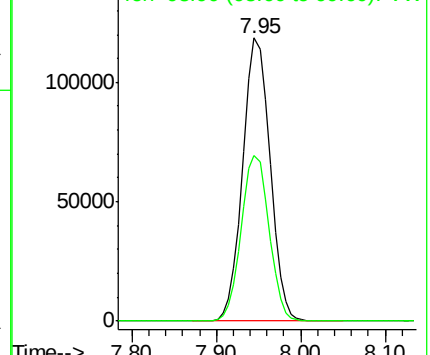
168 100

99 58.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 7.430 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011988.D

Acq: 19 Aug 2019 13:49

Tgt Ion: 84 Resp: 24303

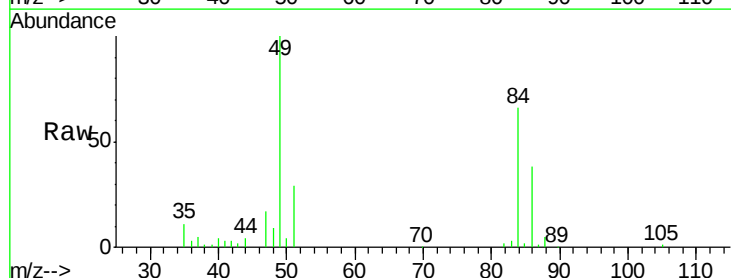
Ion Ratio Lower Upper

84 100

49 152.0 117.8 176.6

51 43.4 37.0 55.4

86 57.5 51.8 77.8

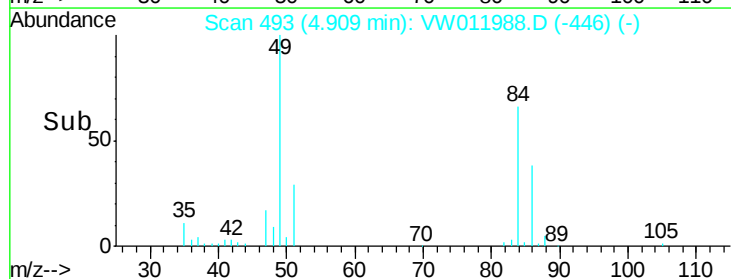
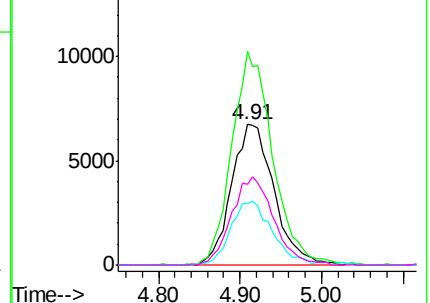


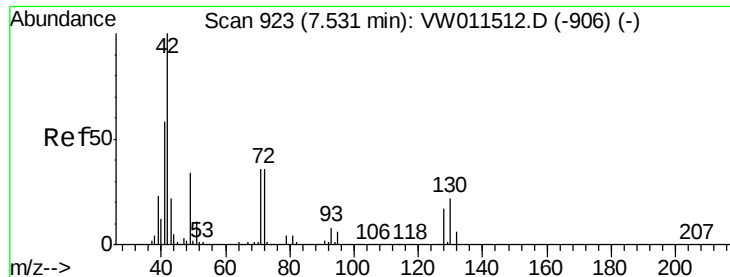
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

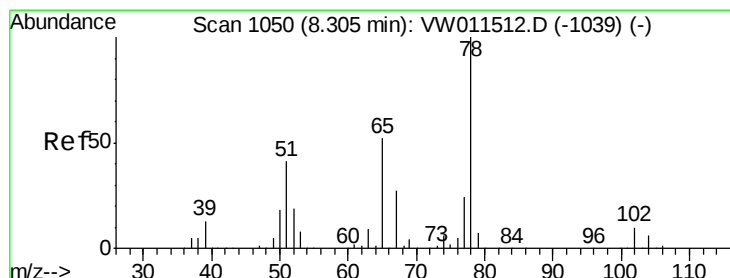
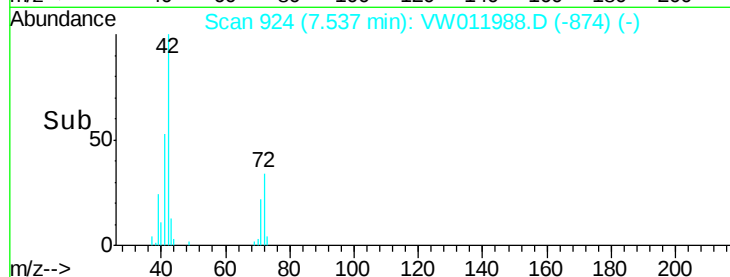
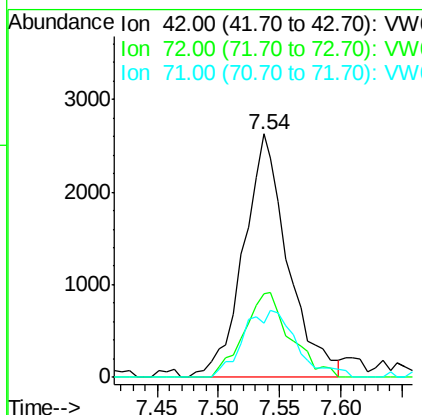
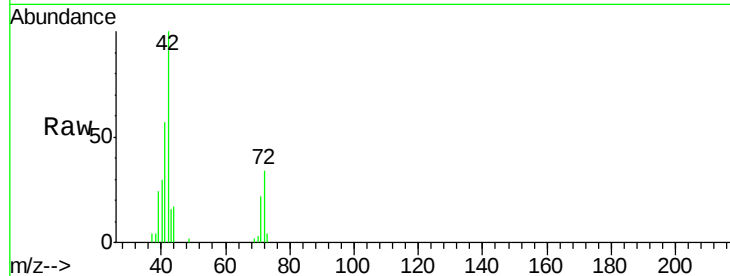




#29
Tetrahydrofuran
Concen: 9.317 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011988.D
Acq: 19 Aug 2019 13:49

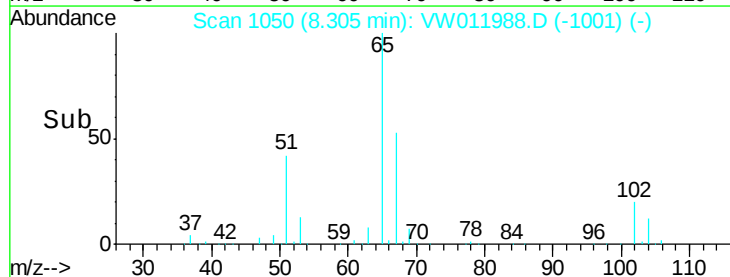
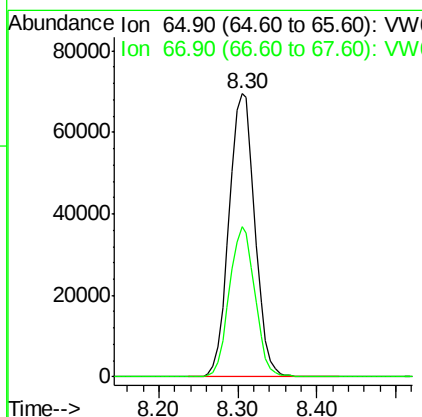
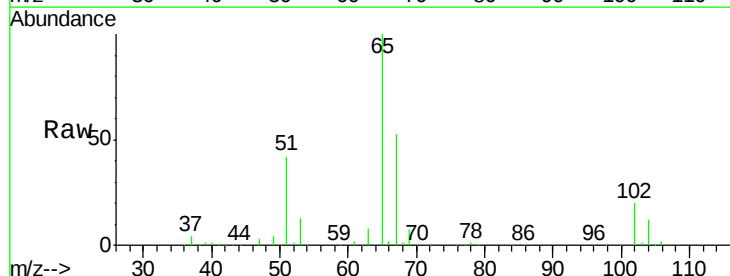
Instrument :
MSVOA_W
ClientSampleId :
T8-A3-(2)

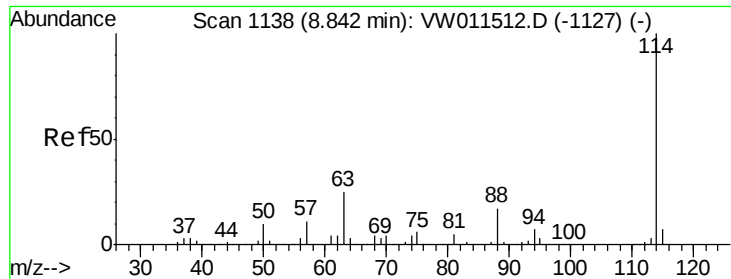
Tot Ion: 42 Resp: 6609
Ion Ratio Lower Upper
42 100
72 36.6 27.1 40.7
71 33.4 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 53.206 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011988.D
Acq: 19 Aug 2019 13:49

Tgt Ion: 65 Resp: 158629
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

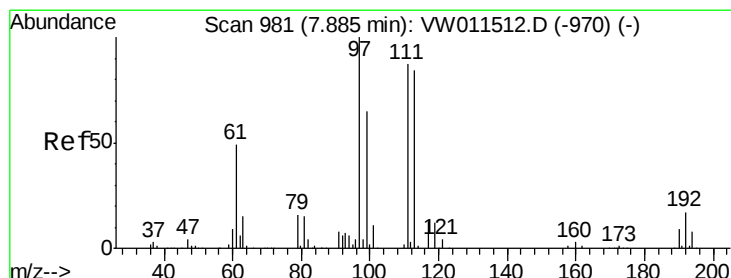
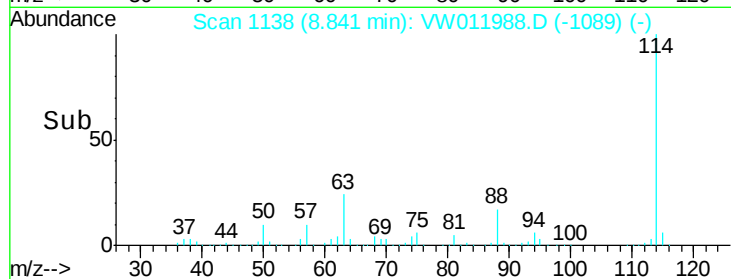
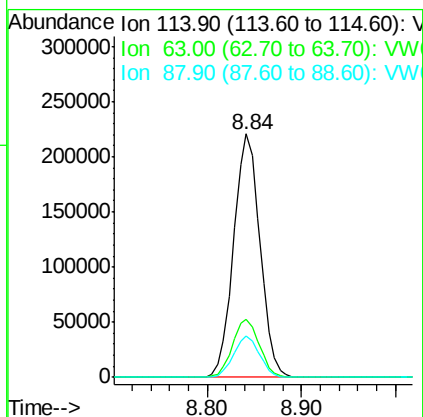
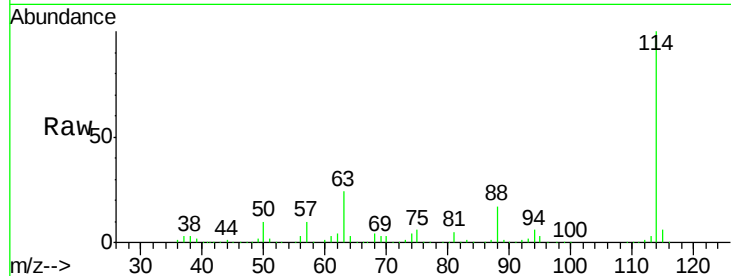




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011988.D
 Acq: 19 Aug 2019 13:49

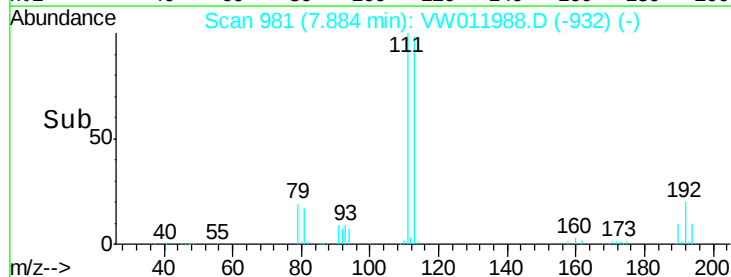
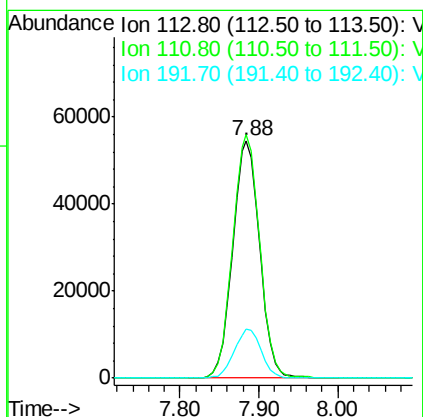
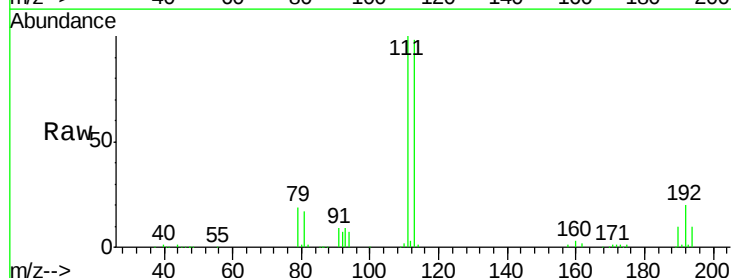
Instrument :
 MSVOA_W
 ClientSampled :
 T8-A3-(2)

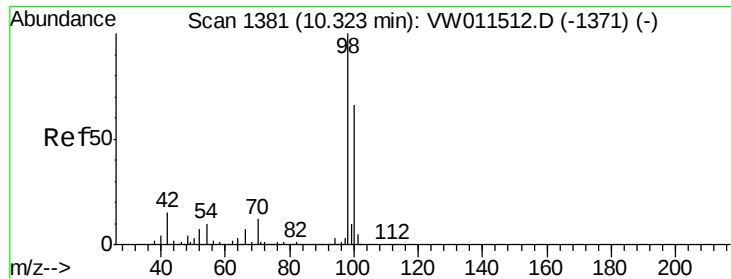
Tot Ion:114 Resp: 429149
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.0 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 53.757 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011988.D
 Acq: 19 Aug 2019 13:49

Tgt Ion:113 Resp: 129426
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 20.7 16.1 24.1





#50

Toluene-d8

Concen: 52.167 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011988.D

Acq: 19 Aug 2019 13:49

Instrument :

MSVOA_W

ClientSampleId :

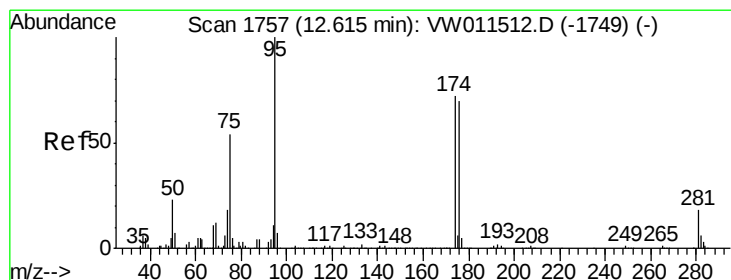
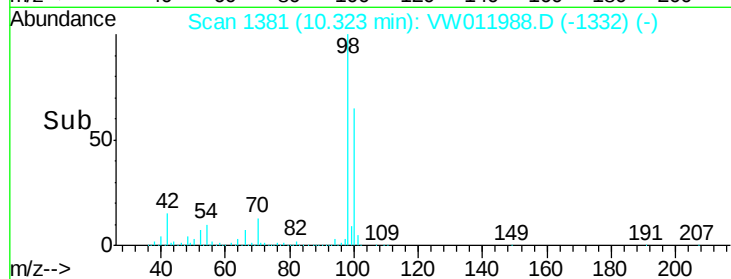
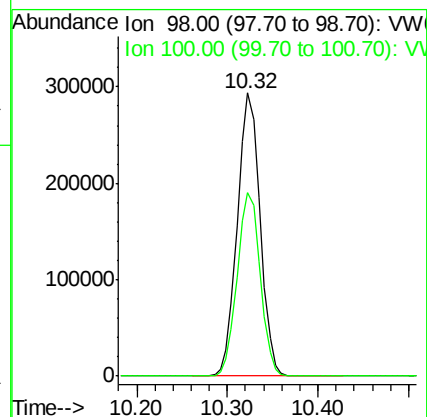
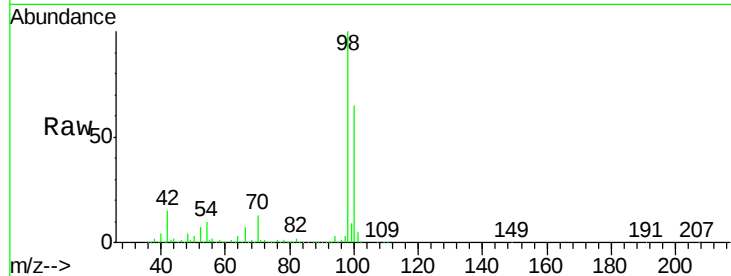
T8-A3-(2)

Tot Ion: 98 Resp: 514237

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 41.961 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011988.D

Acq: 19 Aug 2019 13:49

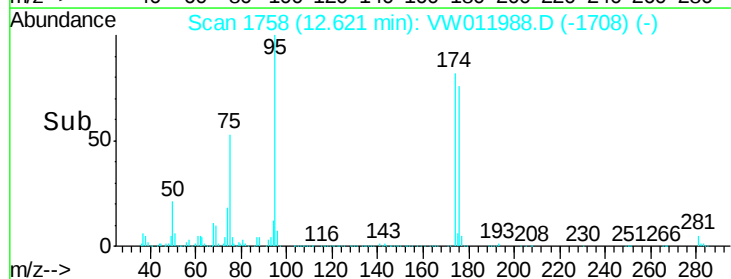
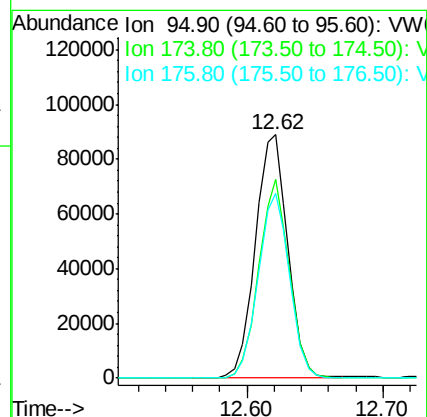
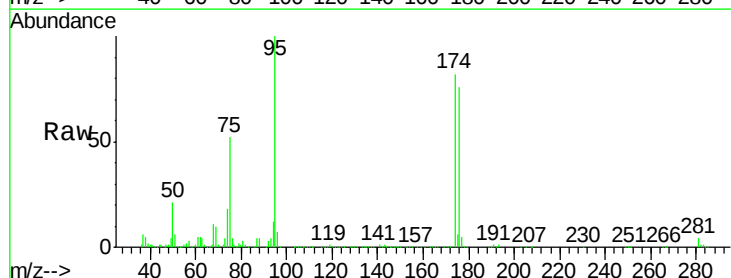
Tgt Ion: 95 Resp: 147466

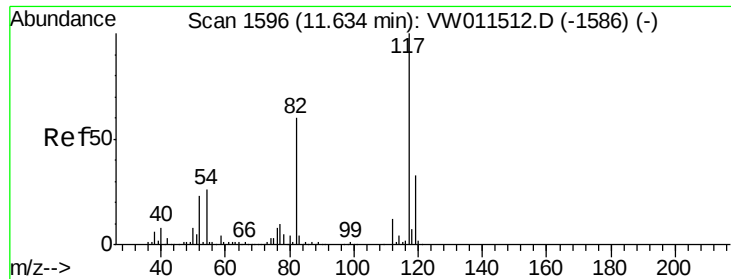
Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.2

176 74.0 0.0 144.4

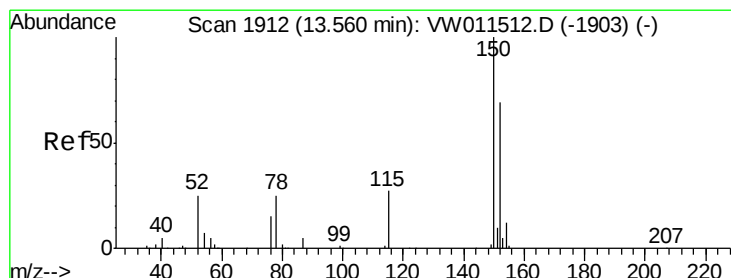
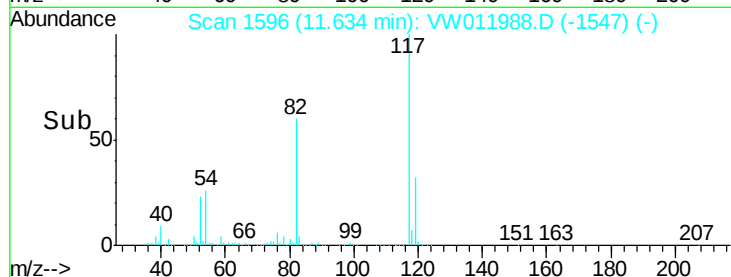
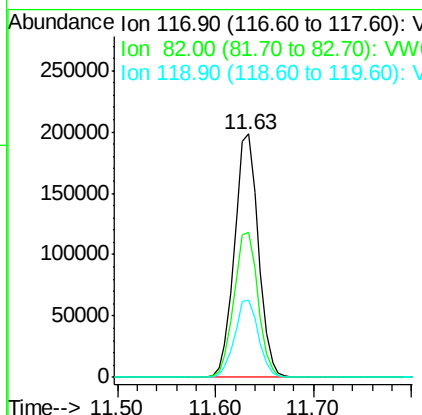
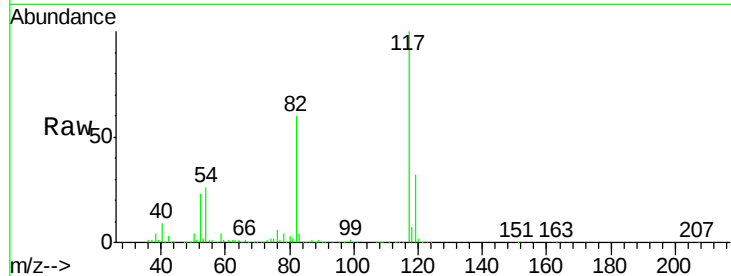




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011988.D
Acq: 19 Aug 2019 13:49

Instrument :
MSVOA_W
ClientSampleId :
T8-A3-(2)

Tot Ion:117 Resp: 336580
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011988.D
Acq: 19 Aug 2019 13:49

Tgt Ion:152 Resp: 108393
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 157.6 0.0 352.6

